

chain nodes :

8 9 10 13 14 17 24 25 26 27 28 29 30 31 32 33 39 40 41 42 54 55 56  
57 58 59 60 61 62 63 64 65 66 68 69 70 71 72 73 74 90 91 92 93 94 105

ring nodes :

1 2 3 4 5 6 18 19 20 21 22 23 34 35 36 37 38 43 44 45 46 47 75 76  
77 78 79 80 81 82 83 84 85 86 87 88 89

chain bonds :

3-8 4-105 5-54 8-9 9-10 10-13 13-14 17-18 17-24 25-26 26-27 28-29 28-30 29-31  
31-32 33-34 35-41 36-40 38-39 42-43 55-56 55-58 55-62 56-57 59-60 59-63 60-61  
64-65 64-68 64-69 65-66 70-71 70-72 73-74 77-90 78-92 83-94 87-91 88-93

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 18-19 18-23 19-20 20-21 21-22 22-23 34-35 34-38 35-36  
36-37 37-38 43-44 43-47 44-45 45-46 46-47 75-76 75-79 76-77 77-78 78-79 80-81  
80-84 81-82 82-83 83-84 85-86 85-89 86-87 87-88 88-89

exact/norm bonds :

3-8 5-54 13-14 17-18 18-19 18-23 19-20 20-21 21-22 22-23 28-29 29-31 34-35  
34-38 35-36 36-37 37-38 43-44 43-47 44-45 45-46 46-47 55-56 55-58 55-62 59-60  
59-63 64-65 64-68 64-69 65-66 70-71 73-74 75-76 75-79 76-77 77-78 78-79 78-92  
80-81 80-84 81-82 82-83 83-84 83-94 85-86 85-89 86-87 87-88 88-89 88-93

exact bonds :

4-105 8-9 9-10 10-13 17-24 25-26 26-27 28-30 31-32 33-34 35-41 36-40 38-39  
42-43 56-57 60-61 70-72 77-90 87-91

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G2:[\*1],[\*2],[\*3],[\*4],[\*5]

G3:H,Cy,Ak

G4:[\*6],[\*7],[\*8],[\*9],[\*10],[\*11],[\*12],[\*13]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS 13:CLASS  
14:CLASS 17:CLASS 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:CLASS  
25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS  
34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:CLASS 40:CLASS 41:CLASS 42:CLASS  
43:Atom 44:Atom 45:Atom 46:Atom 47:Atom 54:CLASS 55:CLASS 56:CLASS 57:CLASS  
58:CLASS 59:CLASS 60:CLASS 61:CLASS 62:Atom 63:Atom 64:CLASS 65:CLASS 66:CLASS  
68:CLASS 69:CLASS 70:CLASS 71:CLASS 72:CLASS 73:CLASS 74:CLASS 75:Atom 76:Atom  
77:Atom 78:Atom 79:Atom 80:Atom 81:Atom 82:Atom 83:Atom 84:Atom 85:Atom 86:Atom  
87:Atom 88:Atom 89:Atom 90:CLASS 91:CLASS 92:Atom 93:Atom 94:Atom 105:CLASS

V. Balasubramanian

=>

Uploading C:\STNEXP4\QUERIES\10046616.str

L1        STRUCTURE UPLOADED

=> que L1

L2    QUE L1

=> d l1

L1 HAS NO ANSWERS

L1                STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 13:50:12 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED -    153 TO ITERATE

100.0% PROCESSED        153 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*

BATCH    \*\*COMPLETE\*\*

PROJECTED ITERATIONS:                2318 TO        3802

PROJECTED ANSWERS:                    0 TO            0

L3                0 SEA SSS SAM L1

=> s l1 sss ful

FULL SEARCH INITIATED 13:50:20 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED -    3118 TO ITERATE

100.0% PROCESSED        3118 ITERATIONS

5 ANSWERS

SEARCH TIME: 00.00.01

L4                5 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

FILE 'CAPLUS' ENTERED AT 13:50:27 ON 30 NOV 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the

10/046,616

V. Balasubramanian

American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 30 Nov 2003 VOL 139 ISS 23  
FILE LAST UPDATED: 28 Nov 2003 (20031128/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

L5            2 L4

=> d l5 1-2 bib hitstr

V. Balasubramanian

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:261678 CAPLUS

DN 138:287691

TI Preparation of 4-aminopyrimidine derivatives as insulin secretion accelerators

IN Yonetoku, Yasuhiro; Maruyama, Tatsuya; Negoro, Kenji; Moritomo, Hiroyuki; Imanishi, Naoki; Shimada, Itsuro; Moritomo, Ayako; Hamaguchi, Wataru; Misawa, Hana; Yoshida, Shigeru; Ohishi, Takahide

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 82 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003026661	A1	20030403	WO 2002-JP9350	20020912
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRAI JP 2001-279671 A 20010914

JP 2002-121012 A 20020423

OS MARPAT 138:287691

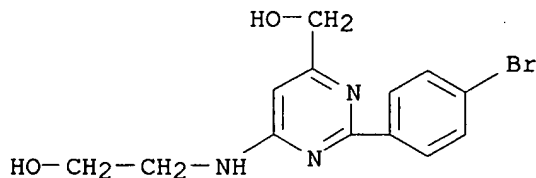
IT 504404-63-1P, 2-[[2-(4-Bromophenyl)-6-(hydroxymethyl)pyrimidin-4-yl]amino]ethanol

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 4-aminopyrimidine derivs. as insulin secretion accelerators for treating diabetes, insulin-resistant diseases, and obesity)

RN 504404-63-1 CAPLUS

CN 4-Pyrimidinemethanol, 2-(4-bromophenyl)-6-[(2-hydroxyethyl)amino]- (9CI) (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

V. Balasubramanian

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:63992 CAPLUS

DN 134:116237

TI Preparation of bradykinin B1 receptor antagonists

IN Ohlmeyer, Michael H. J.; Baldwin, John J.; Dolle, Roland E., III;  
Paradkar, Vidyadhar; Quintero, Jorge Gabriel; Pan, Gonghua

PA Pharmacopeia, Inc., USA

SO PCT Int. Appl., 231 pp.

CODEN: PIXXD2

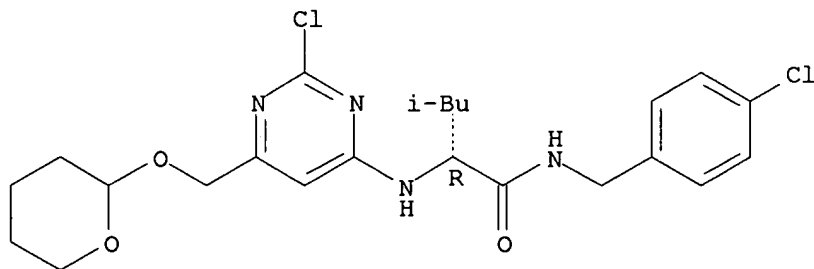
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001005783	A1	20010125	WO 2000-US19185	20000714
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1196411	A1	20020417	EP 2000-950343	20000714
	EP 1196411	B1	20030917		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2003505384	T2	20030212	JP 2001-511442	20000714
PRAI	US 1999-143990P	P	19990715		
	WO 2000-US19185	W	20000714		
OS	MARPAT 134:116237				
IT	<b>321329-06-0P 321329-08-2P 321329-10-6P</b>				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(prepn. of bradykinin B1 receptor antagonists)				
RN	321329-06-0 CAPLUS				
CN	Pentanamide, N-[(4-chlorophenyl)methyl]-2-[[2-chloro-6-[[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyrimidinyl]amino]-4-methyl-, (2R)- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.



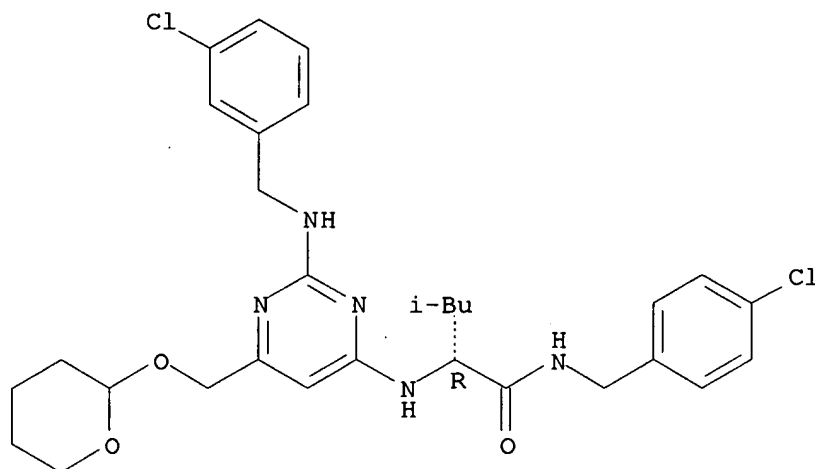
RN 321329-08-2 CAPLUS

CN Pentanamide, N-[(4-chlorophenyl)methyl]-2-[[2-[[[(3-chlorophenyl)methyl]amino]-6-[[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-

V. Balasubramanian

pyrimidinyl]amino]-4-methyl-, (2R)- (9CI) (CA INDEX NAME)

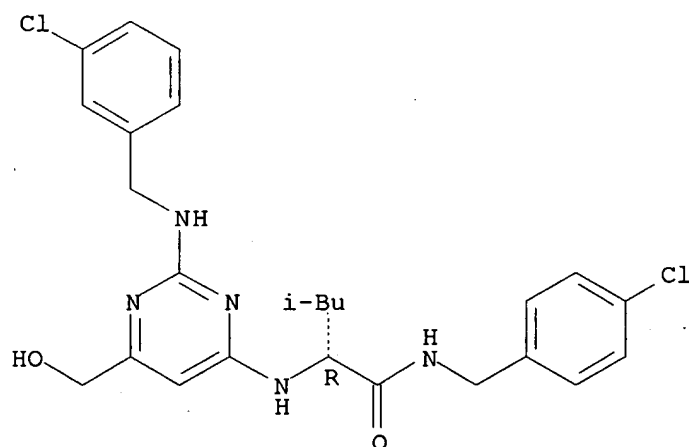
Absolute stereochemistry.



RN 321329-10-6 CAPLUS

CN Pentanamide, N-[(4-chlorophenyl)methyl]-2-[[2-[[3-chlorophenyl)methyl]amino]-6-(hydroxymethyl)-4-pyrimidinyl]amino]-4-methyl-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 321329-14-0P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of bradykinin B1 receptor antagonists)

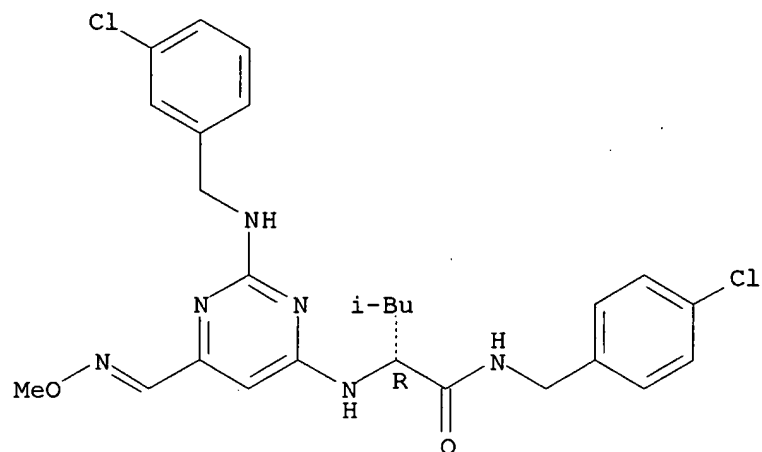
RN 321329-14-0 CAPLUS

CN Pentanamide, N-[(4-chlorophenyl)methyl]-2-[[2-[[3-chlorophenyl)methyl]amino]-6-[(methoxyimino)methyl]-4-pyrimidinyl]amino]-4-methyl-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.

V. Balasubramanian



RE.CNT 4      THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT



V. Balasubramanian

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.68

155.04

STN INTERNATIONAL LOGOFF AT 13:50:45 ON 30 NOV 2003

L Number	Hits	Search Text	DB	Time stamp
1	636	(544/310).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:23
2	555	(544/318).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:23
3	754	(544/320).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
4	831	(544/321).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
5	429	(544/324).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
6	390	(544/326).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
7	351	(544/328).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
8	825	(544/331).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
9	1209	(514/269).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:26
10	825	(514/275).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:26

L Number	Hits	Search Text	DB	Time stamp
1	636	(544/310).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:23
2	555	(544/318).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:23
3	754	(544/320).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
4	831	(544/321).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
5	429	(544/324).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
6	390	(544/326).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
7	351	(544/328).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
8	825	(544/331).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
9	1209	(514/269).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:26
10	825	(514/275).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:26